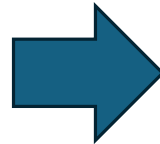


문제

# 1. item.csv

- 인덱스는 item 컬럼은 type 값은 price로 바꾸시오

	type	price
item		
ring0	Gold	20000
ring0	Silver	10000
ring1	Gold	50000
ring1	Bronze	30000

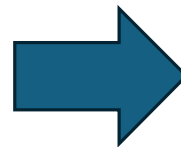


type	Bronze	Gold	Silver
item			
ring0	NaN	20000.0	10000.0
ring1	30000.0	50000.0	NaN

## 2. Countries.csv

- Country, Popular 열을 나열하시오

	code	country	area	capital	population
0	KR	Korea	98480	Seoul	48422644
1	US	USA	9629091	Washington	310232863
2	JP	Japan	377835	Tokyo	127288000
3	CN	China	9596960	Beijing	1330044000
4	RU	Russia	17100000	Moscow	140702000

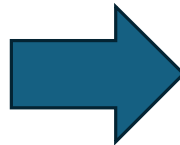


	country	population
0	Korea	48422644
1	USA	310232863
2	Japan	127288000
3	China	1330044000
4	Russia	140702000

### 3. Countries.csv

- Area 면적 순으로 출력하시오

	code	country	area	capital	population
0	KR	Korea	98480	Seoul	48422644
1	US	USA	9629091	Washington	310232863
2	JP	Japan	377835	Tokyo	127288000
3	CN	China	9596960	Beijing	1330044000
4	RU	Russia	17100000	Moscow	140702000

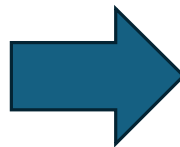


	code	country	area	capital	population
0	KR	Korea	98480	Seoul	48422644
2	JP	Japan	377835	Tokyo	127288000
3	CN	China	9596960	Beijing	1330044000
1	US	USA	9629091	Washington	310232863
4	RU	Russia	17100000	Moscow	140702000

## 4. Countries.csv

- Areak 100000 이상만 출력하시오

	code	country	area	capital	population
0	KR	Korea	98480	Seoul	48422644
1	US	USA	9629091	Washington	310232863
2	JP	Japan	377835	Tokyo	127288000
3	CN	China	9596960	Beijing	1330044000
4	RU	Russia	17100000	Moscow	140702000



	code	country	area	capital	population
0	KR	Korea	98480	Seoul	48422644
2	JP	Japan	377835	Tokyo	127288000
3	CN	China	9596960	Beijing	1330044000
1	US	USA	9629091	Washington	310232863
4	RU	Russia	17100000	Moscow	140702000

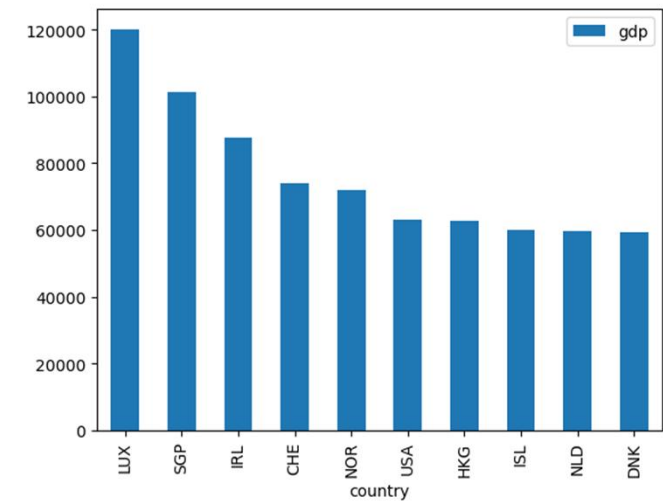
## 5. Animal.csv

1. Iloc을 사용하여 animal 부터 food\_need 만 출력
2. 사육비 최소값, 평균값 계산
3. Merge를 사용하여 food.csv와 병합

	animal	id	food_need	food
0	tiger	1001	800	meat
1	tiger	1002	700	meat
2	lion	1003	900	meat
3	elephant	1004	1000	vegetables
4	zebra	1005	500	vegetables

## 6. gdp.csv

1. Gdp에서 year == 2018년 데이터중 gdp가 높은 순 10개만 추출하여 아래 막대 그래프를 그리시오



## 7. gdp.csv

1. Gdp.csv에서 한국(KOR) 데이터중 2010년부터 2019년 gdp 데이터를 아래 그림 처럼 선 그래프로 그리시오

